

ISAAC MUNOZ

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MANAGER
FRONT-END DEVELOPER
ARCHITECTURAL DESIGNER



PROFILE

With an extensive knowledge in hospitality and team building, I have worked in renowned restaurants in San Francisco. Therefore, I have developed transferable skills that led to the most important lesson I learned providing excellent customer service, all while creating a positive atmosphere within the company policies. Acquired knowledge in management by taking command of staff schedule, and leadership by ensuring seamless execution and operation. I studied computer programming and now I am a front-end designer and a freelancer. I began studying Architecture & Design to build self-sustainable, tech advanced, monolithic structures.

SKILLS

Proficient working with Autodesk Revit, Google SketchUp, HTML5/CCSS3/Java Script, SASS/LESS/Styled-Components, Node/Python, React Native, Visual Studio Code, Jira, Github, Slack.

Bilingual (fluent Spanish, some Portuguese), Communicate Effectively & Efficiently, Adaptable, Interpersonal Relationship Skills, Imaginative, Team player.

EXPERIENCE

ANTHEM AI, NOV 2019- MAR 2022

Developed components minimizing standard data entry. Used Material UI to program tables to display PHI. Optimizing user experience between web pages and facilitating data for practitioners and patients. Worked with several teams within the company creating applications and actively working on daily updates.

JUDGEMYFOTO, OCT 2019-JUN 2021

I have developed web apps that join real time car auctions using React.js and Redux following creative practices. I also have been developing applications with a focus on Tele-Health and private patient information.

TOPTAL CONSULTANT – OCT 2019

Helped develop single-page websites from scratch. Developed app for construction (Putzmeister Experts App) which teaches employees how to use the product. Managed tasks and shared code remotely working on both front-end and back-end tasks. After a contract ended with Anthem, I went on to being a full-time employee in 2019. Created a Node application with Facebook authentication using Passport/Express router to handle login.

AYALA, JAN 2018-CLOSED

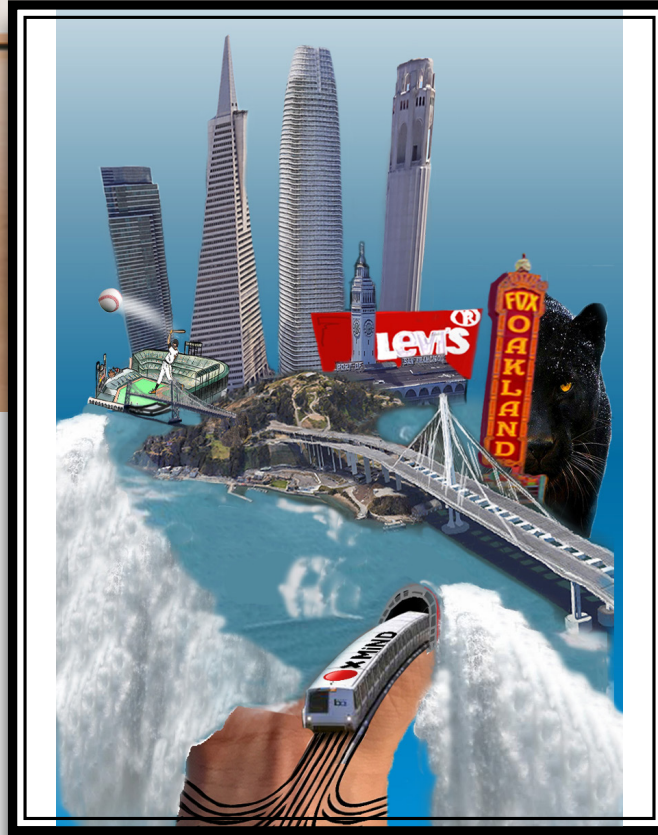
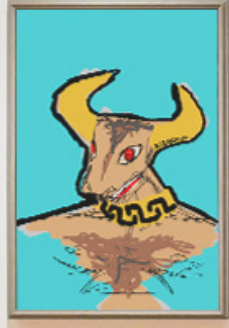
I transitioned from a server to a manager of the front of the house and bar-staff. I was in charge of their schedule and managed cash registers. Managing wine and liquor inventory was my task in day one. I distributed taxed pooled gratuities to the FOH employees. Closed restaurant everyday at the end of the my shift.

EDUCATION

UNIVERSITY OF M.M.T., JALISCO , MEXICO. – COMMUNICATION & RELATIONS - 2008
CODIFY ACADEMY, SAN FRANCISCO, CA – CS, FRONT END DEVELOPER - 2016
NUCAMP, SAN FRANCISCO, CA - CS, FULL STACK DEVELOPER - 2021
CITY COLLEGE SAN FRANCISCO, CA – ARCHITECTURE (CURRENT)



M.i.N.D.



TO SEE THE ANIMATED VERSION CLICK THE IMAGE ABOVE.

MULTI-USE
BUILDING

BRIDGE

BIO-MIMETIC
STRUCTURE

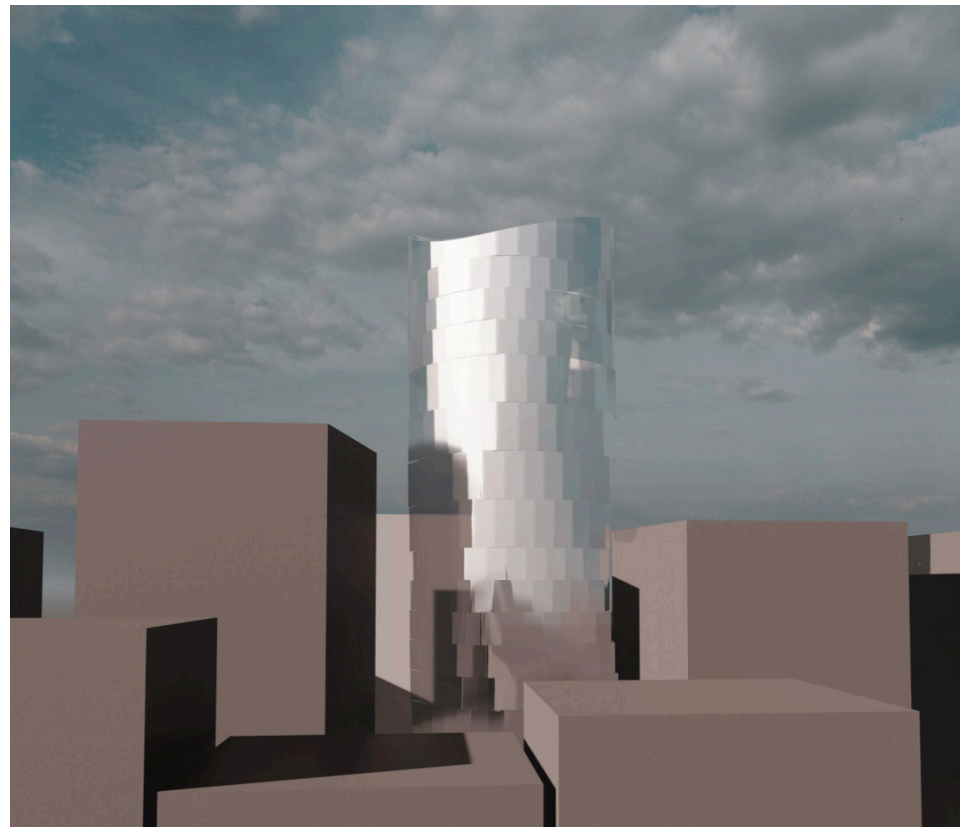
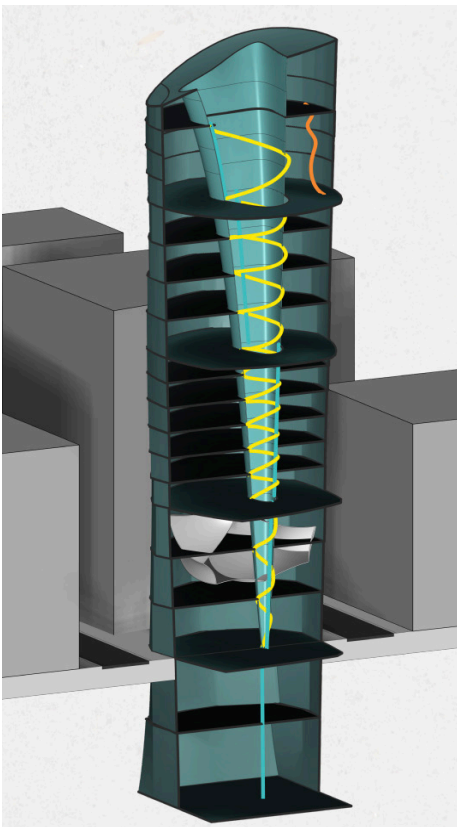
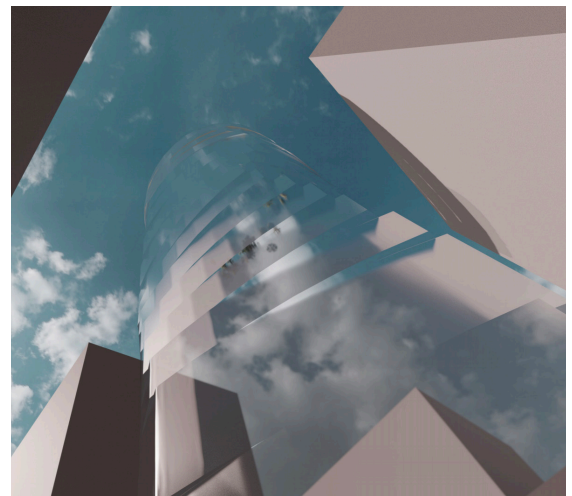
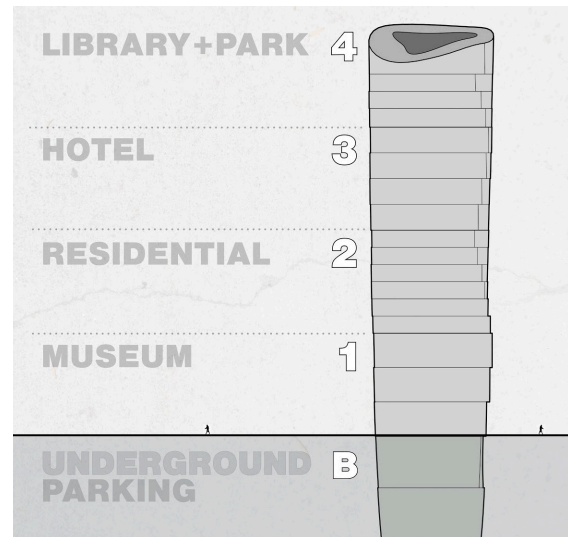
RESIDENTIAL

CONSIDER YOU AS YOURG ARCHITECTS, ARE TO BE THE PATTERN GIVERS OF CIVLIZATION.

- FRANK LLOYD WRIGHT

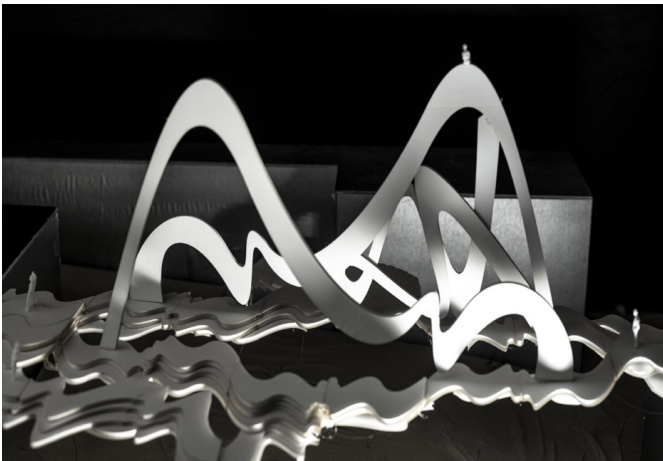
This sustainable structure named Reflejo is a Multi-use building that seeks to minimize the negative environmental impact of construction by efficiency and moderation in energy, use of materials, development, space, and the ecosystem at large. With the creating of Reflejo, I focused on accessibility of the consumer. Green roofs, living walls for natural cooling and ventilation systems to decrease the amount of energy being used by the inhabitants. Taking into account that construction and operation of the buildings account for 40 percent of the world's energy consumption, and approximately one-third of greenhouse gas emissions. But while concrete emits huge amounts of carbon, trees instead absorb it throughout their lifetime.

In the concept study I chose Heavy Timber & Cross Laminated Timber, as the core and heat reflecting Low-E glass. Thinking into the future we have to learn to co-exist with nature, we should build with the intent to better building practices to help combat the damage caused by pollution. Compared to concrete, CLT is lighter and easy to assemble. Furthermore, by using Low-E glass we can reuse thermal energy to power up the structure. Finally, the circulation of the building entices the explorer to enter the museum before he gets home. The student can be in the library and check out new art pieces that arrived in the museum.



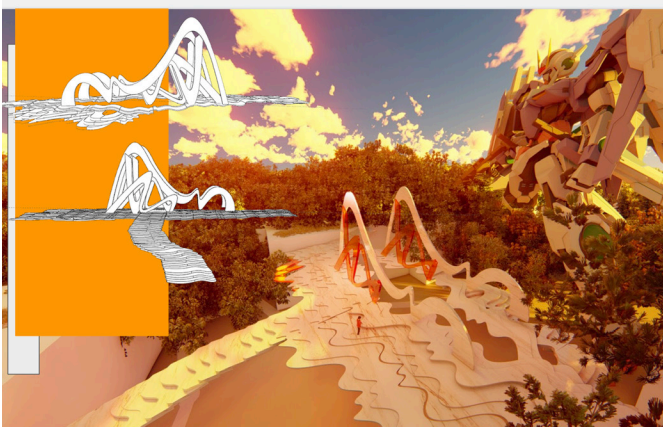


Using parametric and laser cutting we created the bridge of the future, a self-sustainable levitating bridge. Assembling pieces no longer than 4 inches as required. We used components to generate a futuristic design. Software used in the process were Sketch-up, Rhino for creation, and Lumion for rendering stunning images. The process involved adhering the pieces together, without discrepancies in the model. Multiple changes were made to maximize connecting three sites, student service office, the arts and gym building, and the cafeteria.



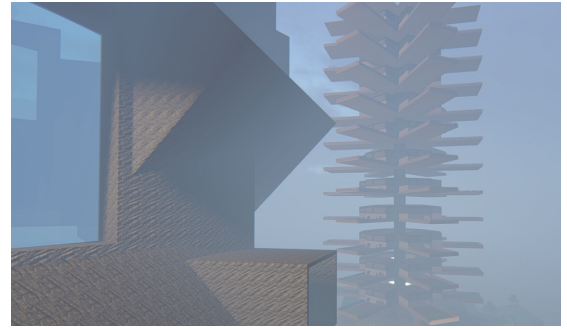
The site would be in San Francisco City College, serving the students for study groups and to the locals as a sunset lookout. The bridge will give seamless connection through the major student hubs, providing quick access to food, student services and shelter.

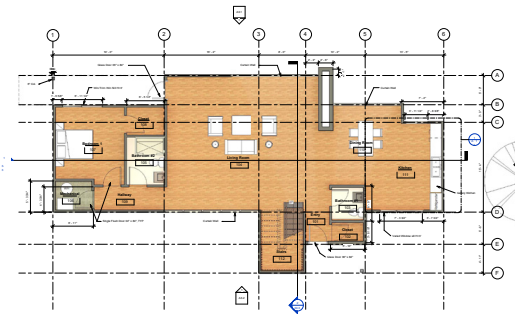
The concept is still in development, I have taken magnetism as a hobby to find a way to engineer a levitating bridge.



Kubos came to be by taking a morphological approach, taking into consideration of the space where it was going to be located, I began by studying crystal rock formations. As a solutions to technical problems, I studied the basic design of a termite colony. Finally, I concluded using Geo-Mimesis as the concept. Using geometric polygons to create a solid foundation for the tower. Inside the building you are able to explore the option of indoor garden, lounge areas, on-site vendors and coffee shops. The tower can hosts various functions, such as rock climbing gym (indoor & outdoor), medical facilities, retail, and a camping site. Standing tall at 1725 feet and 383 feet in diameter, Kubos Tower has 47 floors and is placed in the Alcatraz Island in San Francisco, California.

Re-imagining what once was sacred land, now trapping internationals waiting outside getting wet in the mist to see an overrated hole and a wig cap. Why not create a place where locals can take their family for a walk on the long pier, or enjoy the scenery from the garden rooftop? Just along the way to Sausalito and Angel Island this can become a transportation and merchant hub for the North Bay Area. For this reason I propose to evaluate the location of Alcatraz Island and what can bring from re-purposing the land. Giving it a lively, bright tower that shines at night & welcomes thrill seekers, explorers and families alike.





In my residential studies, my approach was to develop a special home for a median family. Taking into consideration energy consumption, the home opens up to a living room that brightens up the house during the day. Further down the floor plan we have the kitchen, with stairs towards the second floor for an incredible view to the living room. The hardwood floors cover the house all the way to the second floor patio. The clean colors of soft wood makes the house look beautiful at all seasons, and for the cold nights, a brick and mortar chimney to keep the house warm.

With technology moving at increasing rate, building a Artificial In-telligent home with the capacity to connect at all levels to the world wide web. Built in antennas to receive seamless connectivity, smart lights for energy efficiency, and the quick assembling of cross lami-nated timber. Along with Low-E glass to keep the house warm at all times.

